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(21)Application number : 61-033641 (71)Applicant : KAO CORP

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(54) SUSTAINED RELEASE PREPARATION OF ANTITUMOR SUBSTANCE

(57)Abstract:

PURPOSE: The titled preparation containing an antitumor substance and a specific fat and oil base.

CONSTITUTION: A sustained release preparation of antitumor substance containing 1 antitumor agent (e.g., alkylating agent such as cyclophosphamide, etc., antimetabolite such as mercaptopurine, etc., antineoplastic antibiotic such as actinomycin D, etc.) and 0.5W50, preferably 1W25 fat and oil base (e.g., ester interchange triglyceride, etc.). Further addition of one or more of oil solubilization auxiliaries such as lecithin, vitamin E, nonionic surface active agent, etc., can improve its effects. The amount of the oil solubilization auxiliaries is 0.1W30, preferably 1W15 based on 1 antitumor substance.

EFFECT: The preparation is mainly embedded in an operation site or in body after excision operation of tumor site, left in the site and then gradually releases the tumor substance, so lasting medicinal effects and high safety are obtained.

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